Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114866.D
Acq On : 6 Jun 2019 16:55
Operator : HP/JU
Sample : PB120321BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 07 02:12:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB120321BS

Manual Integrations APPROVED
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6/7/2019 2:11:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	385934	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1513548	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	751068	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1390575	20.00	ng		0.00
76) Chrysene-d12	13.80	240	738670	20.00	ng		0.00
87) Perylene-d12	15.17	264	816519	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2473153	111.97	ng		0.02
7) Phenol-d6	6.32	99	3015559	112.21	ng		0.01
23) Nitrobenzene-d5	7.23	82	1954409	79.49	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	891636	110.16	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	3582899	89.36	ng		0.00
79) Terphenyl-d14	12.76	244	3439776	90.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	420131	39.841	ng		99
3) Pyridine	3.07	79	1172994	40.475	ng		99
4) n-Nitrosodimethylamine	3.02	42	456132	43.004	ng		100
6) Aniline	6.33	93	1106713	29.021	ng	#	64
8) 2-Chlorophenol	6.46	128	1153498	45.201	ng		98
9) Benzaldehyde	6.21	77	320215	17.177	ng		100
10) Phenol	6.33	94	1270271	41.332	ng		97
11) bis(2-Chloroethyl)ether	6.41	93	1050195	43.784	ng		97
12) 1,3-Dichlorobenzene	6.61	146	1227646	41.284	ng		99
13) 1,4-Dichlorobenzene	6.69	146	1244509	41.593	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1171688	43.359	ng		99
15) Benzyl Alcohol	6.82	79	912038	44.876	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1493850	43.547	ng		100
17) 2-Methylphenol	6.93	107	970308	44.483	ng		98
18) Hexachloroethane	7.18	117	461923	41.016	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	762675	42.870	ng		98
20) 3+4-Methylphenols	7.09	107	1089885	45.300	ng		95
22) Acetophenone	7.08	105	1526536	45.810	ng	#	97
24) Nitrobenzene	7.25	77	1165900	45.773	ng		100
25) Isophorone	7.50	82	2223688	45.748	ng		99
26) 2-Nitrophenol	7.57	139	670334	48.590	ng		96
27) 2,4-Dimethylphenol	7.62	122	1074896	51.263	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	1409032	45.348	ng		99
29) 2,4-Dichlorophenol	7.82	162	1039933	47.140	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	1122065	44.329	ng		99
31) Naphthalene	7.97	128	3207027	47.065	ng		100
32) Benzoic acid	7.76	122	828798	54.270	ng		97
33) 4-Chloroaniline	8.02	127	771471	23.733	ng		98
34) Hexachlorobutadiene	8.10	225	608977	42.317	ng		99
35) Caprolactam	8.40	113	314609m	43.657	ng		
36) 4-Chloro-3-methylphenol	8.51	107	1043351	47.530	ng		98
37) 2-Methylnaphthalene	8.66	142	2238275	47.358	ng		100
38) 1-Methylnaphthalene	8.76	142	2117638	47.246	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	924807	42.727	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	1148073	87.457 ng	100
43) 2,4,6-Trichlorophenol	8.95	196	764712	45.436 ng	99
44) 2,4,5-Trichlorophenol	8.99	196	765582	45.167 ng	99
46) 1,1'-Biphenyl	9.13	154	2570884	46.185 ng	98
47) 2-Chloronaphthalene	9.15	162	2056991	43.488 ng	99
48) 2-Nitroaniline	9.25	65	608272	43.093 ng	97
49) Acenaphthylene	9.56	152	3113796	45.395 ng	100
50) Dimethylphthalate	9.43	163	2437222	44.430 ng	99
51) 2,6-Dinitrotoluene	9.49	165	585614	45.394 ng	94
52) Acenaphthene	9.73	154	1907453	42.451 ng	99
53) 3-Nitroaniline	9.65	138	453255	30.076 ng	96
54) 2,4-Dinitrophenol	9.76	184	574130	98.349 ng	99
55) Dibenzofuran	9.91	168	2721073	43.550 ng	98
56) 4-Nitrophenol	9.83	139	985362	89.229 ng	94
57) 2,4-Dinitrotoluene	9.89	165	743315	45.834 ng	91
58) Fluorene	10.25	166	1895323	47.929 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	635066	45.731 ng	99
60) Diethylphthalate	10.13	149	2398119	43.567 ng	100
61) 4-Chlorophenyl-phenylether	10.24	204	969411	40.509 ng	100
62) 4-Nitroaniline	10.27	138	625594	42.798 ng	98
63) Azobenzene	10.40	77	2133817	45.541 ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	341222	47.238 ng	93
66) n-Nitrosodiphenylamine	10.36	169	1933316	45.979 ng	100
67) 4-Bromophenyl-phenylether	10.73	248	680965	43.117 ng	98
68) Hexachlorobenzene	10.80	284	727348	42.080 ng	99
69) Atrazine	10.89	200	641947	43.897 ng	99
70) Pentachlorophenol	10.99	266	829264	82.991 ng	99
71) Phenanthrene	11.20	178	2924505	44.054 ng	99
72) Anthracene	11.25	178	3030048	43.371 ng	100
73) Carbazole	11.40	167	2701830	45.113 ng	100
74) Di-n-butylphthalate	11.74	149	3386830	42.996 ng	100
75) Fluoranthene	12.38	202	2882970	41.726 ng	98
77) Benzidine	12.50	184	1461272	39.960 ng	96
78) Pyrene	12.60	202	2924558	45.639 ng	100
80) Butylbenzylphthalate	13.23	149	1529101	47.254 ng	98
81) Benzo(a)anthracene	13.79	228	2447600	42.999 ng	100
82) 3,3'-Dichlorobenzidine	13.75	252	771778	33.437 ng	99
83) Chrysene	13.83	228	2425481	43.802 ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	1851118	45.240 ng	100
85) Di-n-octyl phthalate	14.40	149	3187269	45.842 ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2426426	38.404 ng	99
88) Benzo(b)fluoranthene	14.79	252	2505509	48.201 ng	99
89) Benzo(k)fluoranthene	14.82	252	2006761	45.460 ng	98
90) Benzo(a)pyrene	15.13	252	2140304	47.571 ng	100
91) Dibenzo(a,h)anthracene	16.51	278	2008537	47.140 ng	99
92) Benzo(g,h,i)perylene	16.89	276	2069260	48.294 ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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